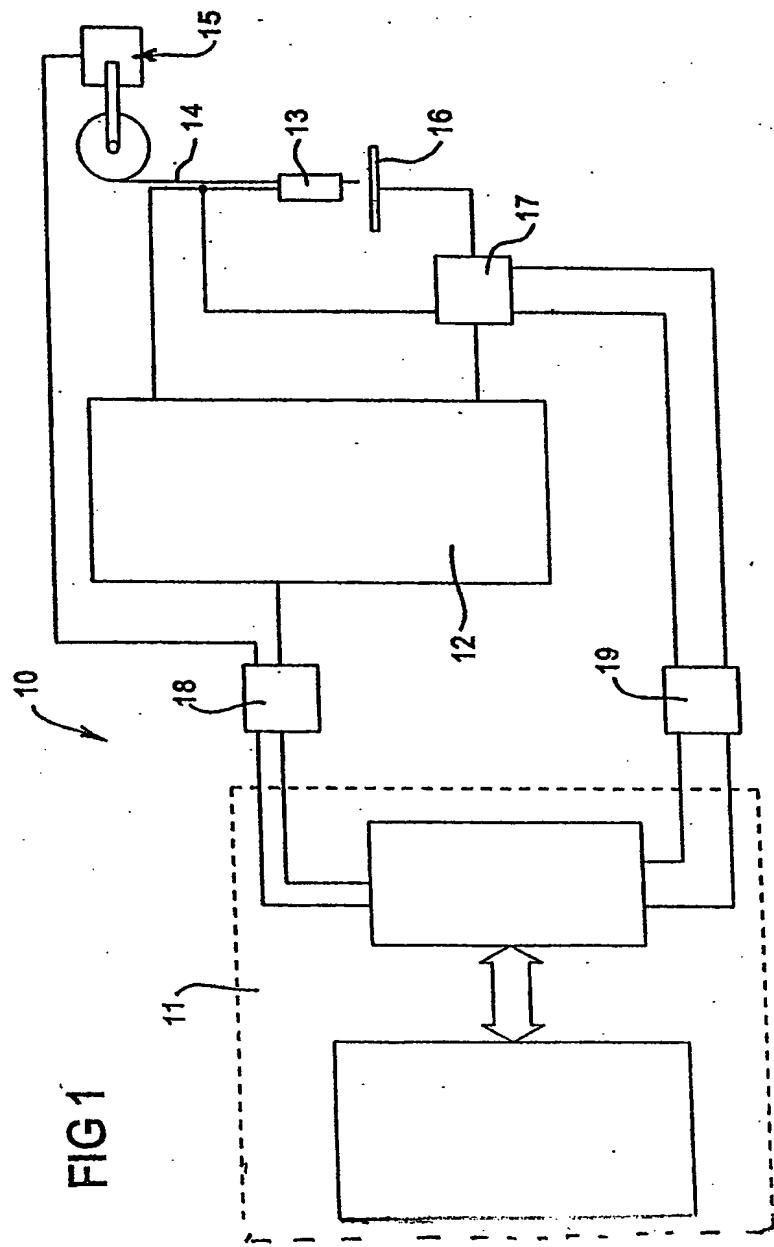


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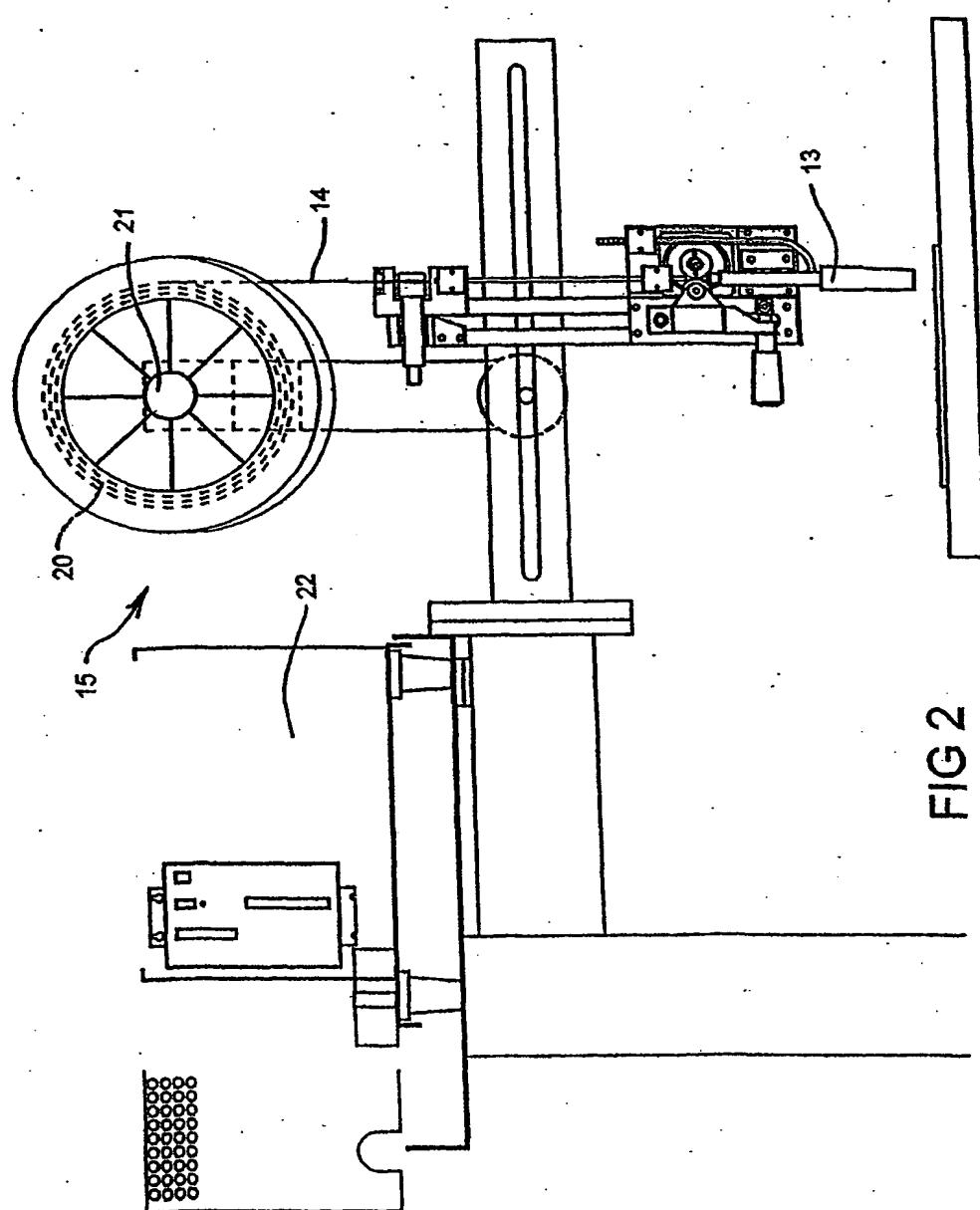


FIG 2

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FIG 3

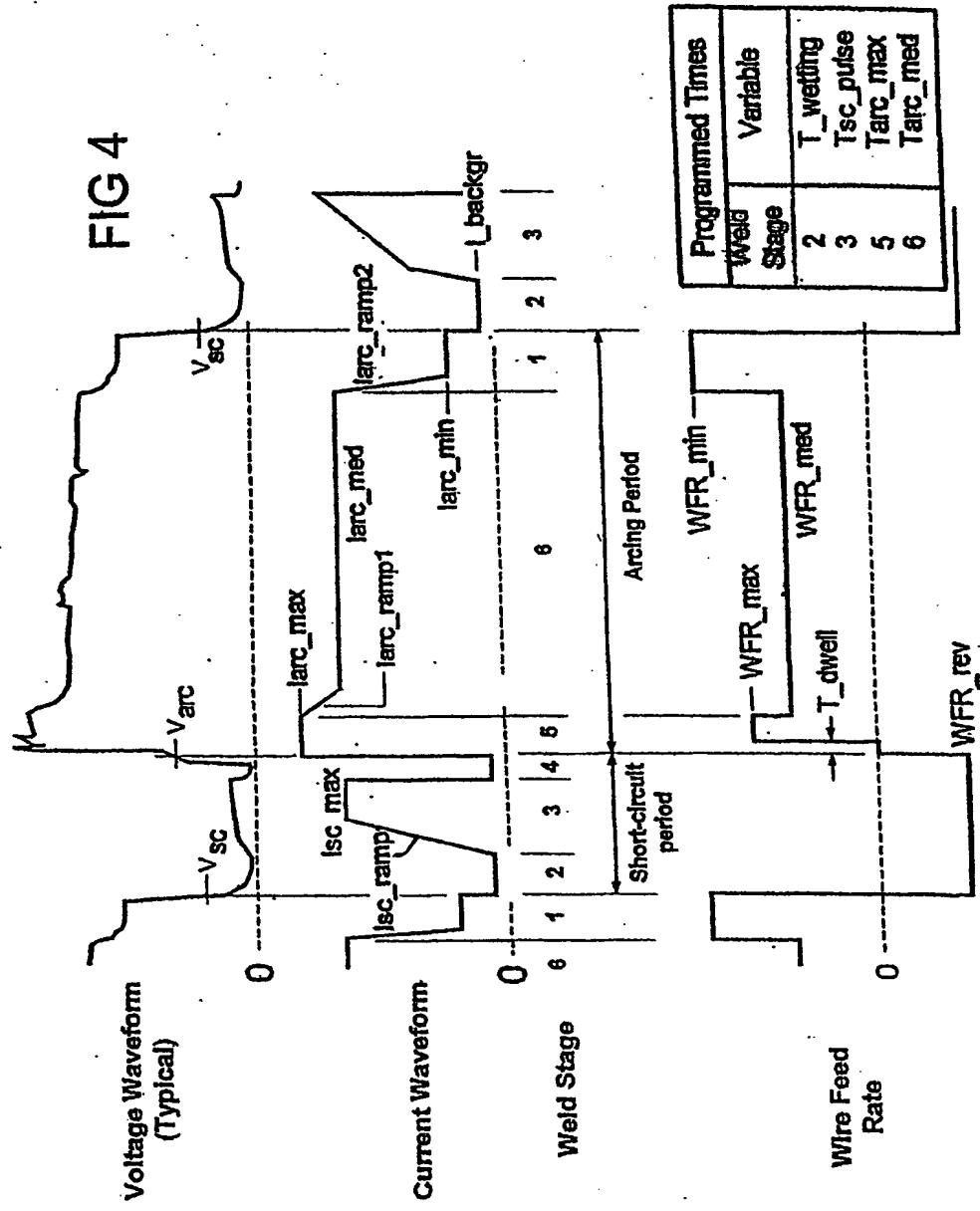
Short3Go Graphical User Interface							
File		Functions		Screen Update		Data Logging	
File	Exit	Functions	Start	Stop	Screen Update	Data Logging	Help
Start	Stop	Screen Update	Data Logging	File	Functions	Start	Stop
Start Date Logging	Stop Date Logging	File	Functions	Screen Update	Data Logging	Help	Start
DSP File: c:\dsp\SHORT3.OUT	Use Short-circuiting power source & High-response reversing wire feeder	Start	Stop	File	Functions	Screen Update	Data Logging
Digital I/O (Hex)	Current (Amps)	Voltage (Volts)	WFR (m/min)	Ahn_B1 (bits)	Volts_intgl (A·ms)	larc_ramp1 (Amps)	larc_ramp2 (Amps)
c4008078	-3.9	-0.3	0.13	-110	0.00	100.0	100.0
larc_max (Amps)	larc_max (Amps)	larc_med (Amps)	larc_med (msec)	larc_min (Amps)	larc_ramp1 (Amps)	larc_ramp2 (Amps)	lbackgr (Amps)
375.0	10.00	250.0	10.00	100.0	100.0	100.0	200.0
lsc_max1 (Amps)	lsc_max2 (Amps)	lsc_ramp (Amps)	Tweaking (msec)	Tsc_timeout (msec)	T_rupture (msec)		
350.0	400.0	150.0	0.50	5.00	1.00		
Vsc_thsh (Volts)	Varc_thsh (Volts)	Vneck_det (Volts)	Cam Delay (msec)	AVC_Ref (Volts)	AVC_Gain (A/A)	AVC_range (Amps)	AVC_dlat (Amps)
8.0	18.0	20.0	1.00	35.00	25.00	50.00	100.00
WFR_max (m/min)	WFR_med (m/min)	WFR_min (m/min)	WFR_crp (m/min)	WFR_rev (m/min)	T_dwell (msec)		
30.00	22.00	15.00	2.00	30.00	1.50		
Start data logging in DSP							

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FIG 4



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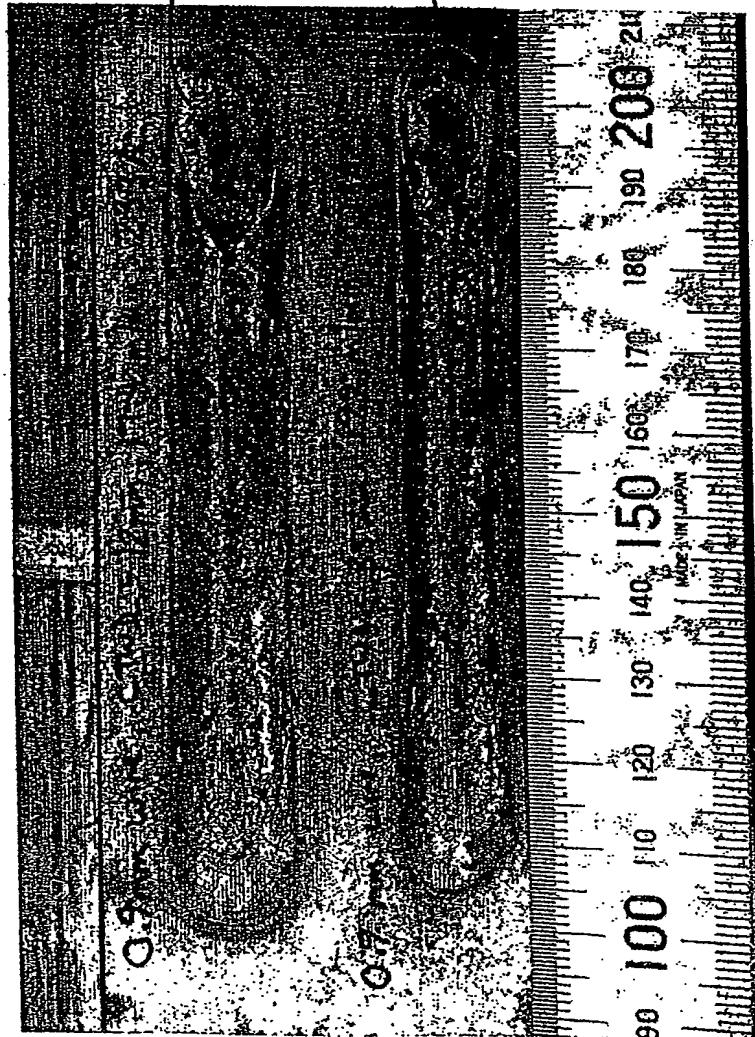
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FIG 5

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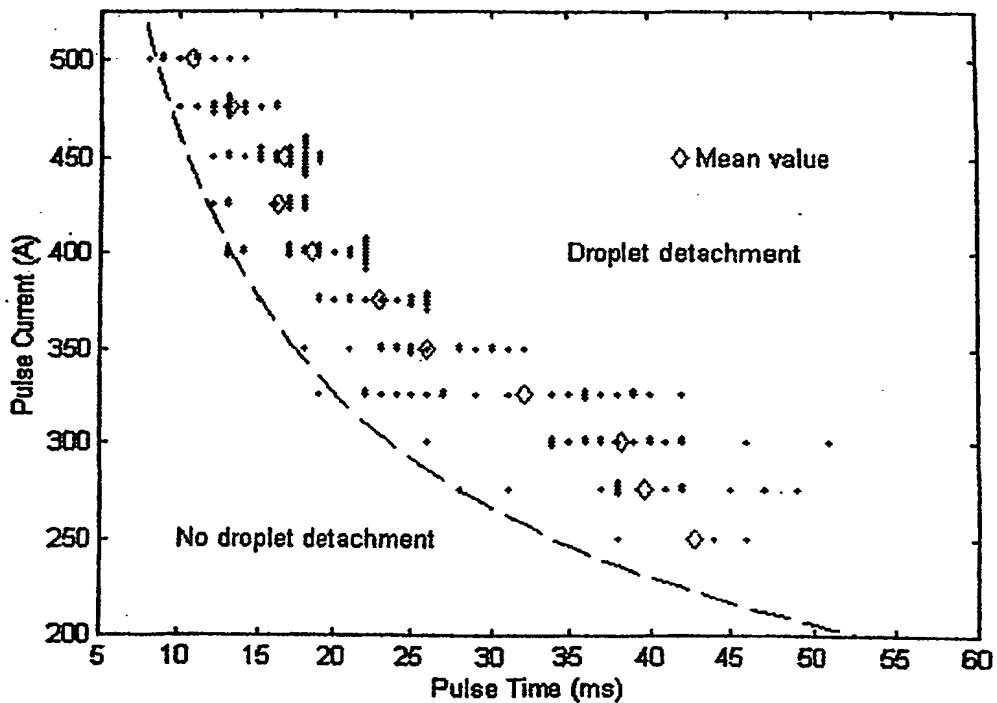
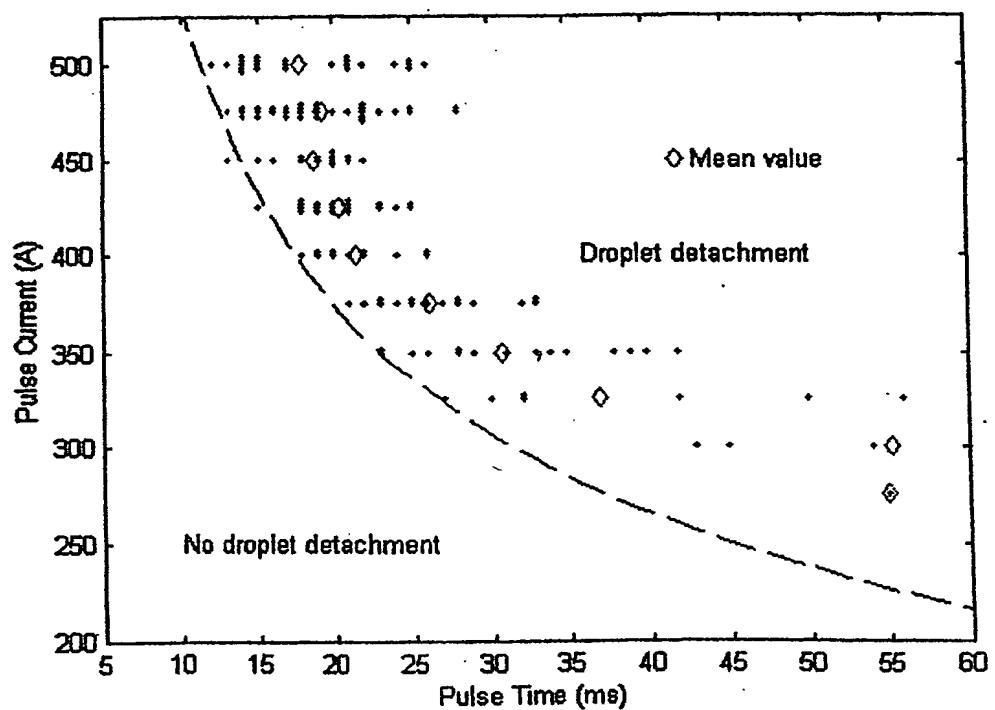


FIG 6

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**FIG 7**

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